

CLAIMS

What is claimed is:

1. A method for assigning physical channels of a new user service to a set of time slots in a hybrid wireless time division multiple access/code division multiple access communication system, the method comprising:

providing a time slot sequence of the set of time slots;

5 ordering the new user service physical channels based on a desired reception quality of each of the new user service physical channels; and

assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

2. The method of claim 1 wherein the ordering is performed such that the order is by a decreasing desired reception quality.

3. The method of claim 1 wherein the desired reception quality is a required signal to interference ratio.

4. The method of claim 1 wherein the time slot sequence is arranged in decreasing order of quality.

5. The method of claim 1 wherein the new user service physical channels are physical channels of a code composite transport channel (CCTrCH).

6. A radio network controller (RNC) for use in a hybrid wireless time division multiple access/code division multiple access communication system, the RNC assigning physical channels of a new user service to a set of time slots, the RNC comprising:

a radio resource management device for providing a time slot sequence of the set of

5 time slots, ordering the new user service physical channels based on a desired reception quality of each of the new user service physical channels, and assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

7. The RNC of claim 6 wherein the ordering is performed such that the order is by a decreasing desired reception quality.

8. The RNC of claim 6 wherein the desired reception quality is a required signal to interference ratio.

9. The RNC of claim 6 wherein the time slot sequence is arranged in decreasing order of quality.

10. The RNC of claim 6 wherein the new user service physical channels are physical channels of a code composite transport channel (CCTrCH).

11. A radio network controller (RNC) for use in a hybrid wireless time division multiple access/code division multiple access communication system, the RNC assigning physical channels of a new user service to a set of time slots, the RNC comprising:

means for providing a time slot sequence of the set of time slots;

5 means for ordering the new user service physical channels based on a desired reception quality of each of the new user service physical channels; and

means for assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

12. The RNC of claim 11 wherein the ordering is performed such that the order is by a decreasing desired reception quality.

13. The RNC of claim 11 wherein the desired reception quality is a required signal to interference ratio.

14. The RNC of claim 11 wherein the time slot sequence is arranged in decreasing order of quality.

15. The RNC of claim 11 wherein the new user service physical channels are physical channels of a code composite transport channel (CCTrCH).